

NOAA's Lake Level Viewer: Behind the Scenes for Version 2

Brandon Krumwiede, GISP

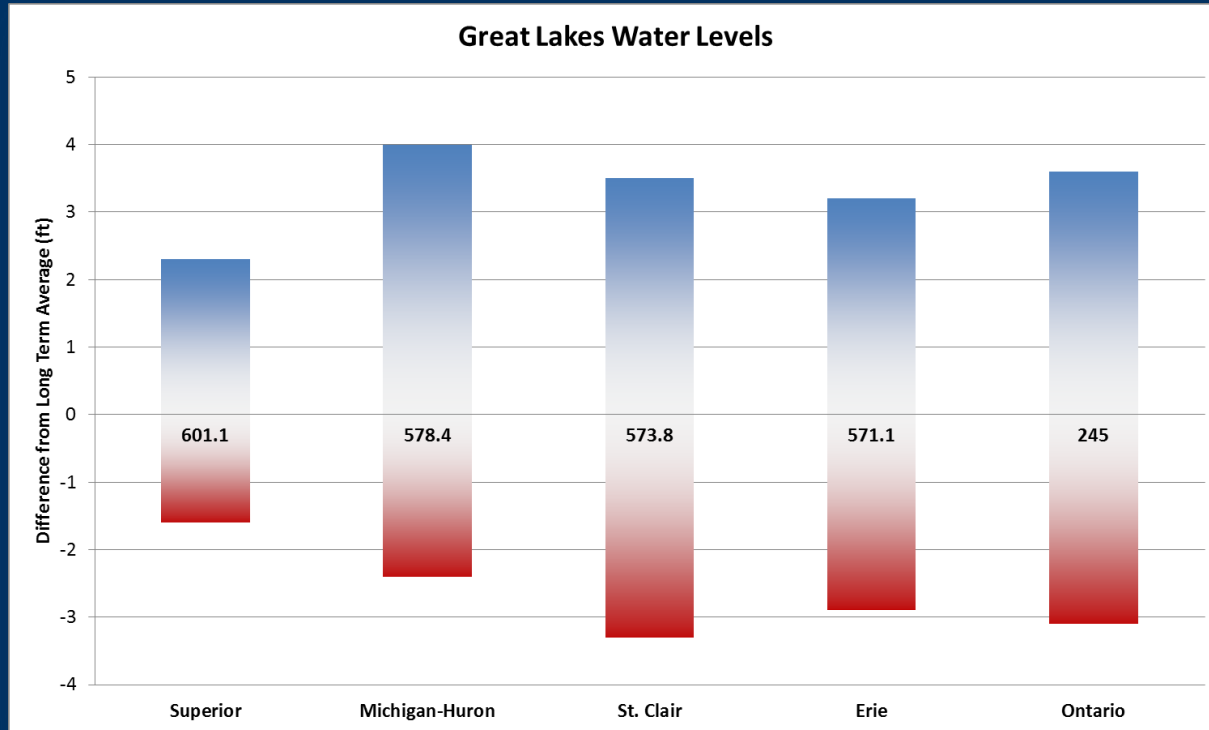
Doug Marcy

NOAA Office for Coastal Management

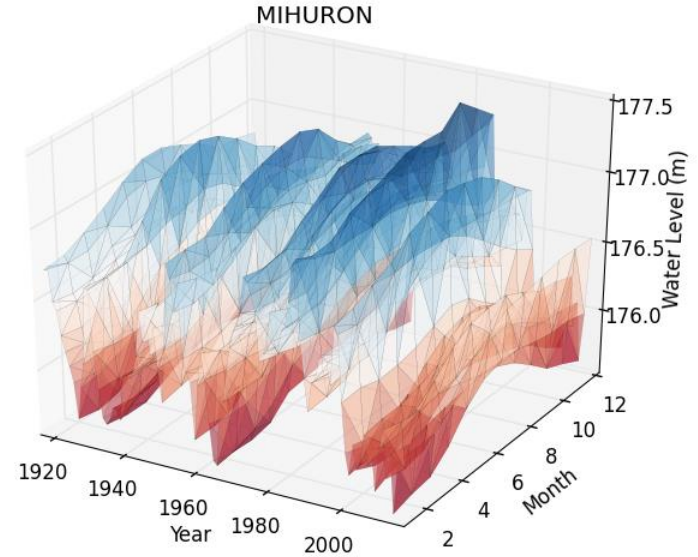
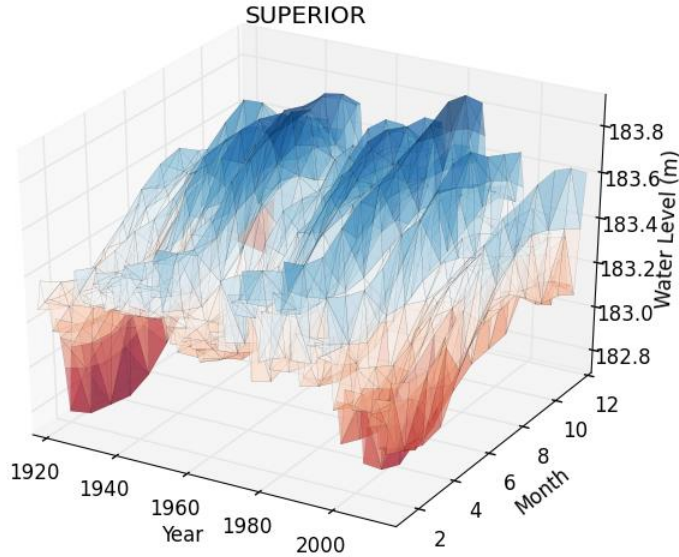
Overview

- Water Levels
- Topo-Bathy LiDAR
- Current Extents
- Work in Progress
 - Questions

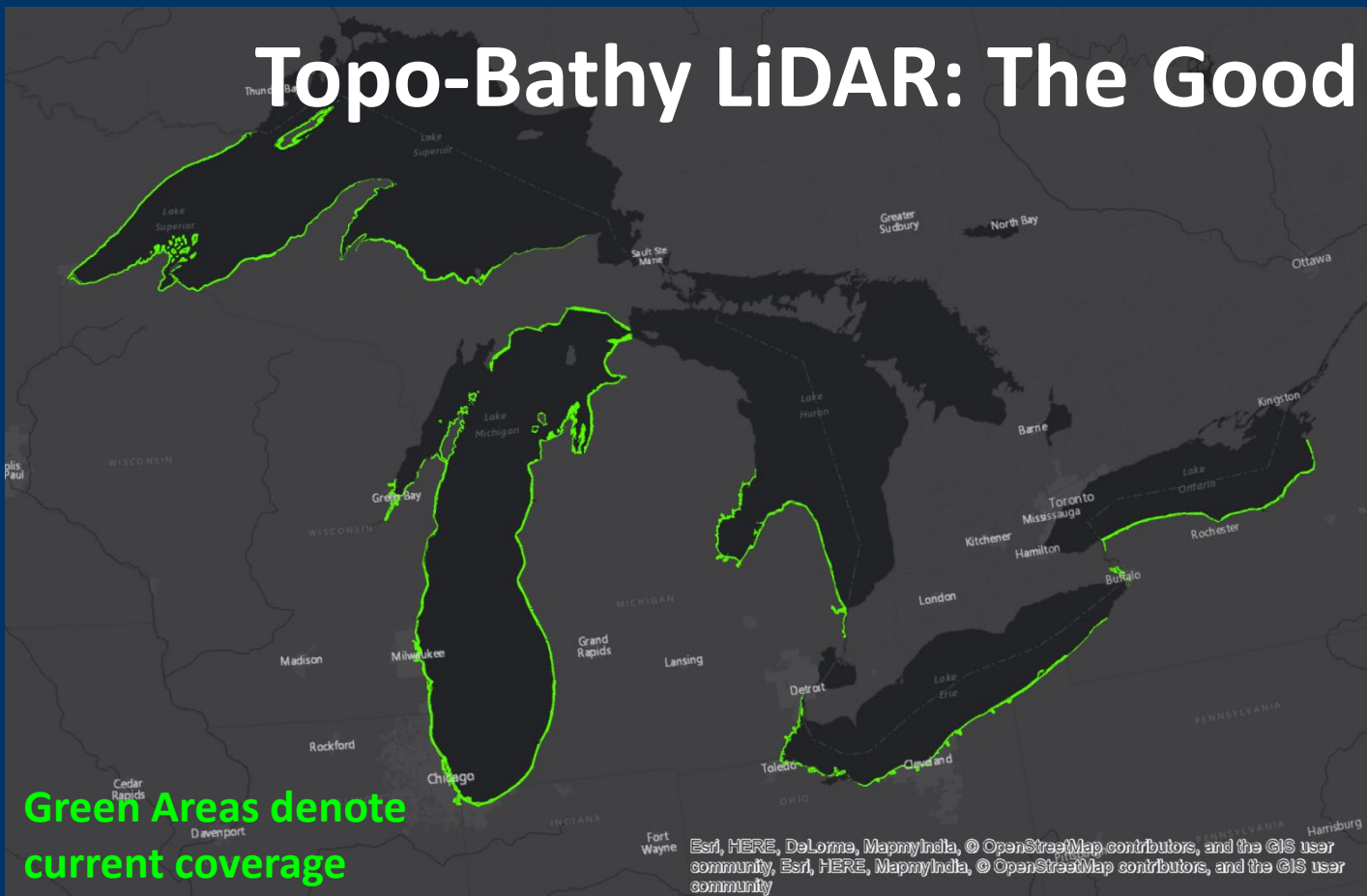
Water Level Variability



Water Level Fluctuation

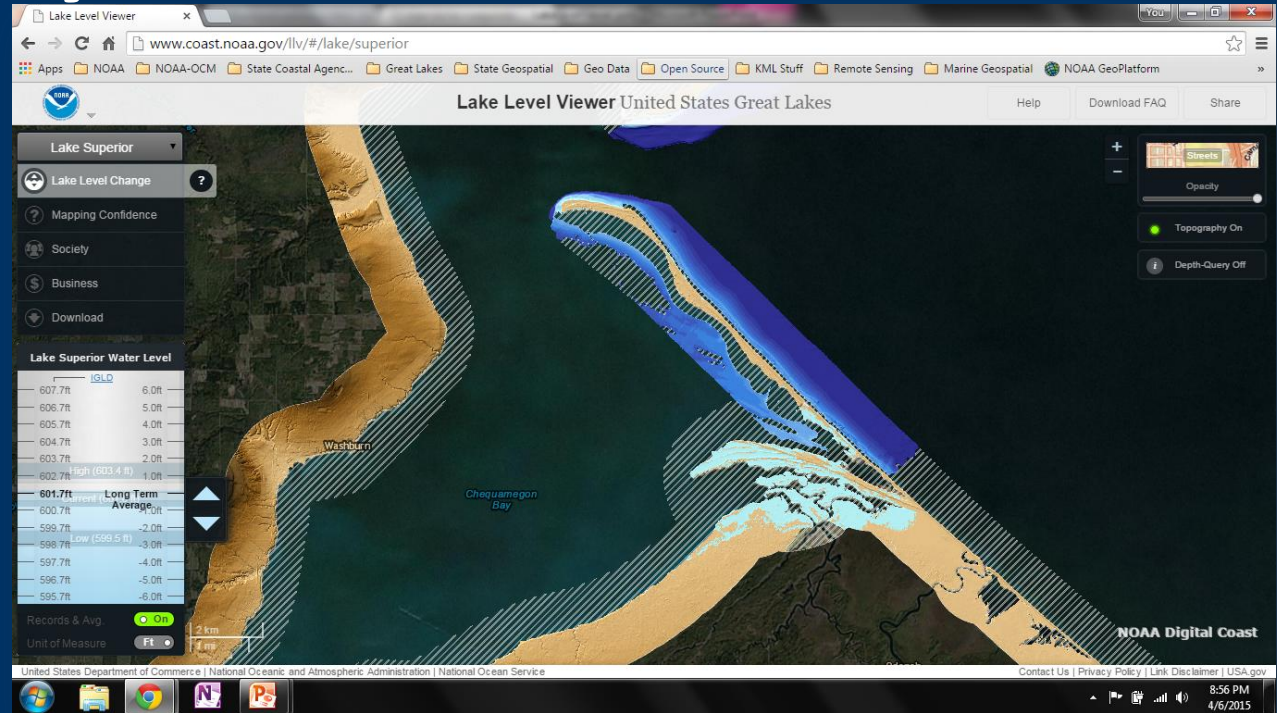


Topo-Bathy LiDAR: The Good

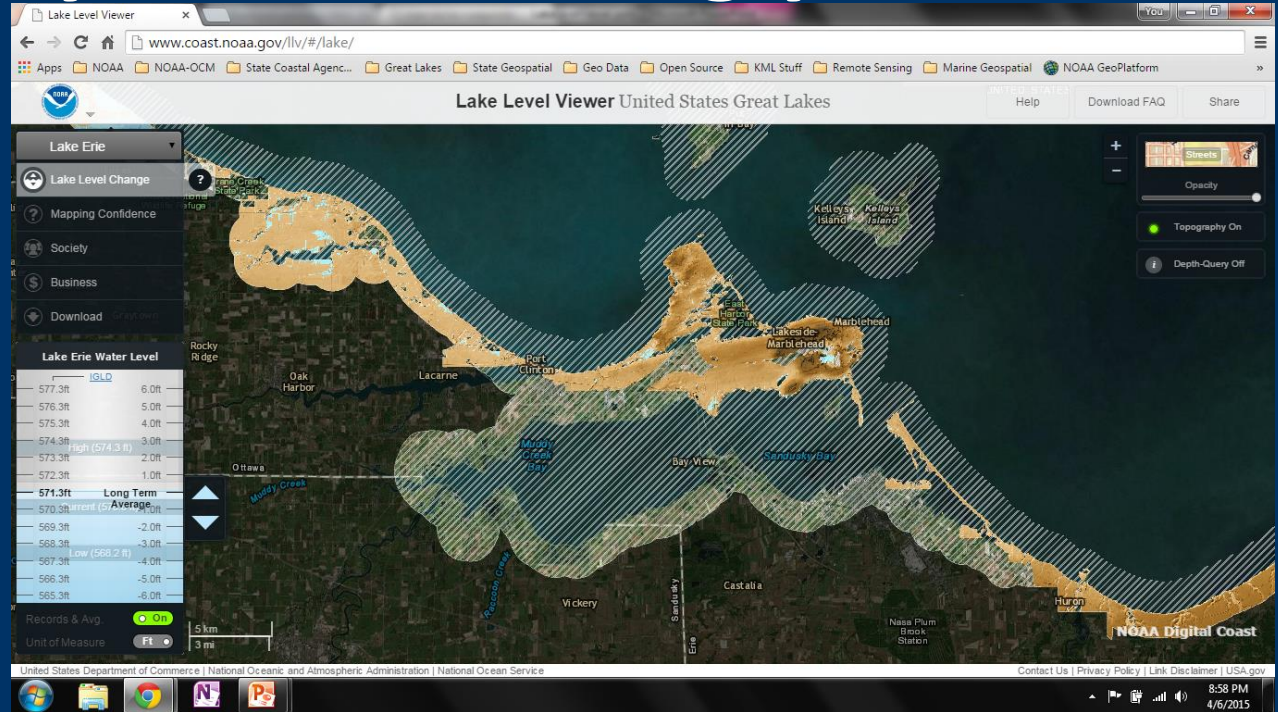


Topo-Bathy LiDAR: The Bad

Gaps in Data Collection



Topo-Bathy LiDAR: The Ugly Problem Areas

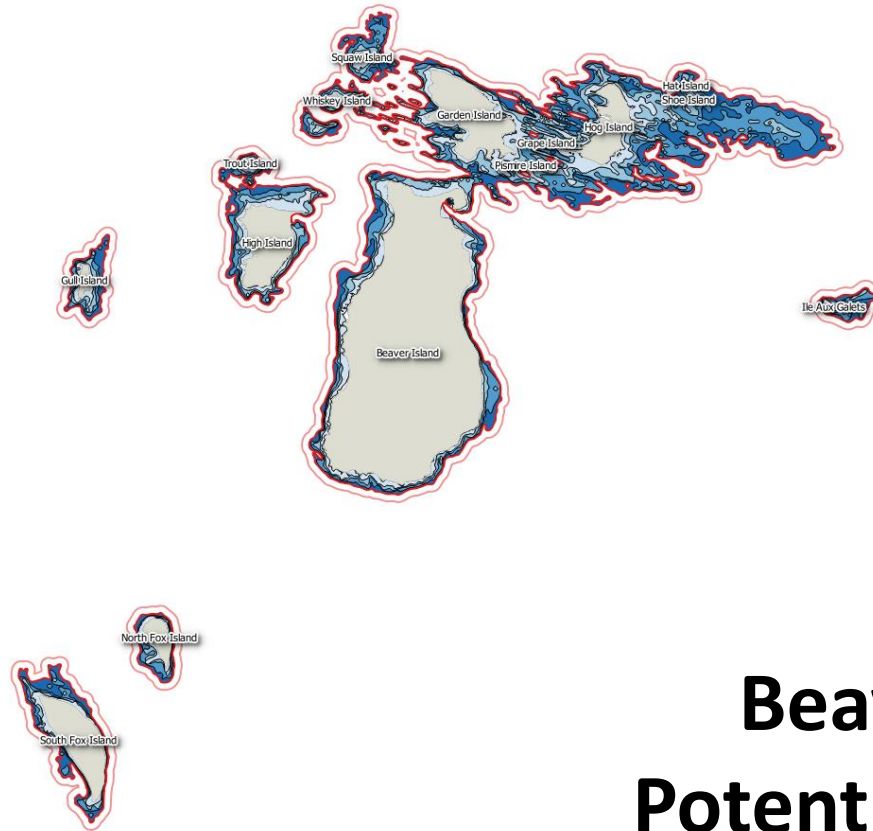




Lake Level Viewer Next Steps

- Update with new topo/bathy data and fill in data gaps (LiDAR, USACE Dredge Surveys, multibeam)
- Adjust buffers and extend coverage to reflect full inundation areas
- Continue to collect user feedback on Version 1.0
- Enhancements for management applications based on user feedback





Beaver Island Potential Collect

Updates Underway

Updates in Yellow

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Lake Level Viewer Team Members

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Resources

NOAA Office for Coastal Management Digital Coast

coast.noaa.gov/digitalcoast

Lake Level Viewer

coast.noaa.gov/digitalcoast/tools/llv AND coast.noaa.gov/llv

US Interagency Elevation Inventory

coast.noaa.gov/inventory/

CanVis

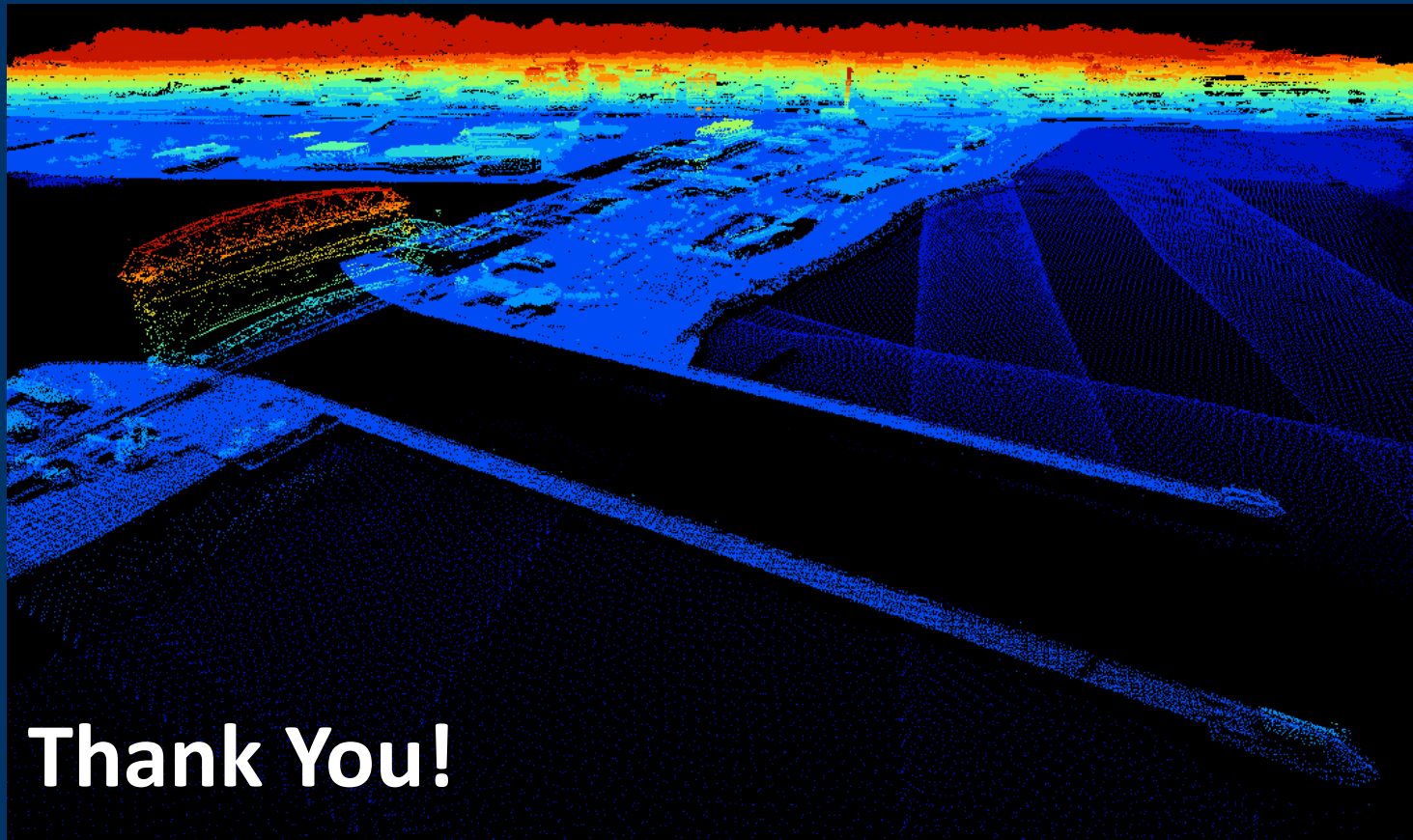
coast.noaa.gov/digitalcoast/tools/canvis

NOAA GLERL Water Level Dashboard

www.glerl.noaa.gov/data/dashboard/GLWLD.html

Are you using the Lake Level Viewer?

- Community driven
- Share your stories
- Feedback is always appreciated
- Challenges



Thank You!

Questions?

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